

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
REALNET.28AAPPLICATION NO.  
09/345584INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
ConklinFILING DATE  
June 30, 1999GROUP  
2711

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APR 30 2001

Technology Center 2600

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
ZWD	4,383,272 (Search Report PCTUS00/18390)	05/10/83	Netravali, et al.		ZWD	04/13/81
ZWD	5,592,226 (Search Report PCTUS00/18390)	01/07/97	Lee, et al.		ZWD	01/26/94
ZWD	5,642,239 (Search Report PCTUS00/18390)	06/24/97	Nagai		ZWD	12/29/94
ZWD	5,699,499 (Search Report PCTUS00/18182)	12/16/97	Kawada, et al.		ZWD	07/05/95
ZWD	5,734,435 (Search Report PCTUS00/18390)	03/31/98	Wilson, et al.		ZWD	02/01/95
ZWD	5,831,677 (Search Report PCTUS00/18386)	11/03/98	Streater		ZWD	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
ZWD	EP 0294957 (Search Report PCTUS00/18182)	12/14/88	Europe				ZWD
ZWD	EP 0391094 (Search Report PCTUS00/18390)	12/03/90	Europe				ZWD
ZWD	EP 0596732 (Search Report PCTUS00/18228)	11/04/93	Europe				ZWD
ZWD	EP 0634871 (Search Report PCTUS00/18228)	07/06/94	Europe				ZWD
ZWD	EP 0781041 (Search Report PCTUS00/18182)	06/25/97	Europe				ZWD

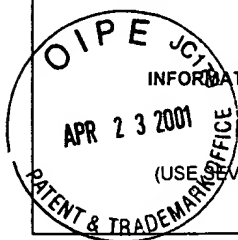
EXAMINER

Lance W. Sealey

DATE CONSIDERED 3/11/02

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LWP	EP 0883298 (Search Report PCTUS00/18228)	06/02/98	Europe	LWP			
LWA	WO 97/46020 (Search Report PCTUS00/18182)	12/04/97	PCT	LWP			
LWP	WO 99/25122 (Search Report PCTUS00/18390)	05/20/99	PCT	LWP			
LWP	WO 99/52281 (Search Report PCTUS00/18390)	10/14/99	PCT	LWP			

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
LWP	Blume, H., "New Algorithm for Nonlinear Vector-Based Upconversion with Center Weighted Medians", Journal of Electronic Imaging 6(3), pgs. 368-378, July 1997. (Search Report PCTUS00/18386)
LWA	Blume, H., "Nonlinear Vector Error Tolerant Interpolation of Intermediate Video Images by Weighted Medians", Signal Processing Image Communication, Vol. 14, pgs. 851-868, 1999. (Search Report PCTUS00/18386)
LWA	Chen, et al., "Source Model for Transform Video Coder and Its Application - Part II: Variable Frame Rate Coding", XP 000687649, IEEE Transactions on Circuits and Systems for Video Technology, Vol. 7, No. 2, April 1997. (Search Report PCTUS00/18390)
LWP	Copy of International Search Report, International Application Number PCTUS00/18182, Filing date June 30, 2000.
LWP	Copy of International Search Report, International Application Number PCTUS00/18386, Filing date June 30, 2000.
LWP	Copy of International Search Report, International Application Number PCTUS00/18390, Filing date June 30, 2000.
LWP	Copy of International Search Report, International Application Number PCTUS00/18228, Filing date June 30, 2000.
LWA	Haavisto, et al., "Motion Adaptive Scan Rate Up-Conversion", Multidimensional Systems and Signal Processing, XP 000573419, Vol. 3, pgs. 113-130, 1992. (Search Report PCTUS00/18390 & PCTUS00/18386)
LWA	Haskell, et al., "Motion Compensation Modes in MPEG", Digital Video: An Introduction to MPEG-2, Chapter 7, Kluwer Academic Publishers, XP002153352, 1997. (Search Report PCTUS00/18390)
LWA	Kim, et al., "Local Motion-Adaptive Interpolation Technique Based on Block Matching Algorithms", Signal Processing Image Communication, November 1992, No. 6, Amsterdam. (Search Report PCTUS00/18390)
LWA	Kokaram, et al., "Detection and Removal of Impulsive Noise in Image Sequences", Proceedings of the Singapore International Conference on Image Processing, September 1992, Singapore. (Search Report PCTUS00/18386)
LWA	Kronander, T., "Post and Pre-Processing in Coding of Image Sequences Using Filters with Motion Compensated History", International Conference on Acoustics, Speech, and Signal Processing, April 1988, New York City. (Search Report PCTUS00/18386)
LWA	Migliorati, et al., "Multistage Motion Estimation for Image Interpolation", Signal Processing Image Communication, Vol. 7, pgs. 187-199, 1995. (Search Report PCTUS00/18386)
LWP	Sallent, S., "Simulation of a Teleconference Codec For ISDN", Proceedings of the European Signal Processing Conference, Vol. 5, Amsterdam, September 1990. (Search Report PCTUS00/18390)
LWA	Sato, et al., "Video OCR for Digital News Archive", IEEE International Workshop on Content-Based Access of Image and Video Database, XP002149702, pgs. 52-60, 1998. (Search Report PCTUS00/18228)

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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

ZQND

Thomas, G., "A Comparison of Motion-Compensated Interlace-to-Progressive Conversion Methods", Signal Processing Image Communication, Vol. 12, pgs. 209-229, 1998. (Search Report PCTUS00/18386)

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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. REALNET.028A	APPLICATION NO. 09/345,584
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Greg Conklin	<b>RECEIVED</b> <b>FEB 17 2000</b> <b>TC 2700 MAIL ROOM</b>
		FILING DATE June 30, 1999	

## U.S. PATENT DOCUMENTS

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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
LW	<input checked="" type="checkbox"/>	Kiranyaz, et al., "Motion Compensated Frame Interpolation Techniques for VLBR Video Coding" <b>Proceedings for ICIP</b> (International Conference on Image Processing), 1997
	<input checked="" type="checkbox"/>	Han, et al., "Frame-rate Up-conversion Using Transmitted Motion and Segmentation Fields for Very Low Bit-rate Video Coding" <b>Proceedings for ICIP</b> (International Conference on Image Processing), 1997, pps. 747-750.

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